

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,957,580 B2
 APPLICATION NO. : 10/811317
 DATED : October 25, 2005
 INVENTOR(S) : Roger Ekseth et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Col. 10, Line 17 (approx.), delete “ σ_o ” and insert -- Σ_0 --.

In Col. 10, Line 20, delete “ k_1 ” and insert -- $k-1$ --.

In Col. 10, Line 55 (approx.), delete “ p_1 ” and insert -- p_l --.

In Col. 10, Line 59, delete “ $2p_1/B$ ” and insert -- $2p_l/B$ --.

In Col. 11, Line 21 (approx.), after “and” delete “ $\sigma_{A_L,k}$ ” and insert

-- $\sigma_{A_U,k}$ --.

In Col. 11, Line 28, delete “ $\sigma_{v,k}$ ” and insert -- $\sigma_{v,k}$ --.

In Col. 11, Line 31, after “ $\sigma_{S,k}^2$ ” insert -- , --.

In Eq. 22 at Col. 12, Line 39 (approx.), delete “ $G_k = \tau_{k-} * \alpha_{A,k}^T * (\Psi_{A,k} + \alpha_{A,k} * \Sigma_{k-} * \alpha_{A,k}^T)^{-1}$ ” and insert -- $G_k = \Sigma_{k-} * \alpha_{A,k}^T * (\Psi_{A,k} + \alpha_{A,k} * \Sigma_{k-} * \alpha_{A,k}^T)^{-1}$ --.

In Eq. 33 at Col. 14, Line 43 (approx.), delete

“ $\sigma_{v,k} = (p_v * \alpha * (T_U - T_L)/\Delta t)^2 + 2\sigma_{v,k}^2 / (T_U - T_L)^2$ ” and insert

-- $\sigma_{v,k}^2 = (p_v * \alpha * (T_U - T_L)/\Delta t)^2 + 2\sigma_{v,k}^2 / (T_U - T_L)^2$ --.

In Eq. 52 at Col. 16, Line 60, delete

“ $G_k = \Sigma_{k-} * \alpha_{R,k}^T * (\Psi_{R,k} + \alpha_{R,k} * \Sigma_{k-} * \alpha_{R,k}^T)^{-1}$ ” and insert

-- $G_k = \Sigma_{k-} * \alpha_{R,k}^T * (\Psi_{R,k} + \alpha_{R,k} * \Sigma_{k-} * \alpha_{R,k}^T)^{-1}$ --.

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In Eq. 54 at Col. 16, Line 63 (approx.), delete " $\Sigma_k = \Sigma_{k-} * G_k * \alpha_{R,k} * \Sigma_{k-}$ " and insert

-- $\Sigma_k = \Sigma_{k-} - G_k * \alpha_{R,k} * \Sigma_{k-}$ --.

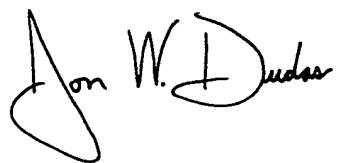
In Col. 18, Line 33, Claim 17, delete "claim 16" and insert -- claim 15 --.

In Col. 18, Line 36 (approx.), Claim 18, delete "claim 16" and insert
-- claim 15 --.

In Col. 18, Line 38 (approx.), Claim 19, delete "claim 16" and insert
-- claim 15 --.

Signed and Sealed this

Third Day of October, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office